

AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings includes changes to FIG. 2. This sheet, which includes FIGS. 1-2, replaces the original sheet including FIGS. 1-2. FIG. 2 has been amended to include a casing wall 10 (disclosed in claim 11) and a component 11 to be cooled (disclosed in claim 11), as requested by the Examiner. The inside of the casing (disclosed in claim 1) is identified by reference number 8 in the drawings. The amendment to FIG. 2 does not add new matter.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes

REMARKS/ARGUMENTS

The Office Action dated April 2, 2009 and the references cited by the Examiner have been given careful consideration. Following such consideration, claims 1 and 11 have been amended to define more clearly the patentable invention applicant believes is disclosed herein. Claims 12 and 13 have been added, and claim 4 has been cancelled by the present amendment. Claims 2, 3 and 5-10 are unchanged by the present amendment. It is respectfully requested that the Examiner reconsider the claims in their present form, together with the following comments, and allow the application.

The Examiner has objected to the drawings under 37 CFR 1.83(a). FIG. 2 of the present application has been amended to include a casing wall 10 (disclosed in claim 11) and a component 11 to be cooled (disclosed in claim 11), as requested by the Examiner. The inside of the casing is identified by reference number 8 in the drawings. It is respectfully requested that the Examiner accept the drawings as now submitted.

The specification has been amended at page 4, line 14 of the translation of the specification submitted with the Completion of Filing Requirements filed May 11, 2006. Support for the amendments to the specification can be found in claim 11, as originally filed. It is respectfully requested that the Examiner accept the amendments to the specification.

The Examiner has rejected claims 1-11 under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The word "especially" has been deleted from claim 1. Claim 11 has been amended to define that a component to be cooled is disposed on a casing wall opposite to the recess. Accordingly, it is respectfully requested that the Examiner now withdraw the 35 U.S.C. 112, second paragraph rejection.

The present invention relates to a housing of an electrical apparatus. A recess is formed in at least one wall of the housing. The recess extends toward the inside of the housing and includes at least one ventilation hole extending through a bottom of the recess. A cover is detachably affixed to a portion of the wall that forms the bottom of the recess. The cover is dimensioned to form a gap between the peripheral edge of the cover and the edge of the recess. In one embodiment, a cross-piece is attached to the cover. The cross-piece is designed to be received into a corresponding fixing opening in the portion of the wall that forms the bottom of

the recess. In yet another embodiment, the housing includes another casing wall that is disposed opposite the wall wherein the recess is formed. A component to be cooled is disposed in the housing on the casing wall. More specifically, the component to be cooled is disposed opposite the portion of the wall that forms the recess.

During operation of the present invention, air is drawn through the gap between the cover and the recess. The air is then drawn into the housing through the ventilation hole in the recess. In this respect, the air flows in a convoluted path such that dirt and debris does not easily pass into the housing. Moreover, the gap is dimensioned to hinder dirt and debris from passing into the housing. The cover also acts as a sound barrier to hinder the conveyance of sound from the housing to the surrounding environment. The present invention, thus, provides an apparatus that reduces the amount of noise that reaches the surrounding environment while also hindering the passage of dirt and debris into the housing.

Claim 1 has been amended to define a housing with at least one casing wall having a recess *integrally formed* therein and a cover that is detachably affixed to a portion of the casing wall forming a bottom of the recess. New claims 12 and 13 have been added to the present application. New claim 12 defines a cover that is detachably affixed to a portion of the casing wall forming a bottom of the recess and has at least one cross-piece that can be inserted in a corresponding fixing opening in the recess. New claim 13 defines a casing wherein a direct supply of air can be achieved over a short path from one side of the casing to an opposite side whereon a component to be cooled is disposed. It is respectfully submitted that none of the cited references teaches, suggests or shows the present invention as defined in the claims.

The Examiner has rejected claims 1, 4, 5 and 7-11 under 35 U.S.C. 102(b), as being anticipated by Paterson et al. (US 5,547,272).

Paterson et al. discloses a modular cabinet bezel. As shown in FIG. 3 of Paterson et al., a bezel frame 16 is attached to the front of cabinet 12. A panel 20a is attached the front of bezel frame 16. A filter 46 is disposed in an opening of cabinet 12. The Examiner takes the position that filter 46 is equivalent to the "recess" defined in claim 1 and that panel 20a is equivalent to the "cover" defined in claim 1. Applicant disagrees. Filter 46 is a separate component that is attached to cabinet 12. Filter 46 is not a feature that is integrally formed in cabinet 12. In other words, Paterson et al. does not teach, suggest or show at least one casing wall having "a recess

integrally formed therein,” as defined in claims 1, 12 and 13. Therefore, Paterson et al. can not teach, suggest or show a cover that is detachably affixed to a portion of the casing wall forming a bottom of the recess, as defined in claim 1. Paterson et al. also can not teach, suggest or show “at least one cross-piece (6) which can be inserted in a corresponding fixing opening (7) in the recess (2),” as defined in new claim 12. Paterson et al. also does not teach, suggest or show that “a direct supply of air can be achieved over a short path from one casing wall to an opposite casing wall whereon a component to be cooled is disposed,” as defined in new claim 13.

Claims 2, 3 and 5-11 depend from claim 1. Thus, it is respectfully submitted that these claims are patentable over the cited references for at least the reasons set forth above in connection with claim 1.

The Examiner has rejected claims 1, 2 and 3 under 35 U.S.C. 102(e) or 35 U.S.C. 102(a), as being anticipated by Huang et al. (US 2002/0141154).

Huang et al. discloses a movable mechanism for use with an electrical apparatus. A receptacle is provided in the apparatus for receiving the movable mechanism. The moveable mechanism includes a pivot shaft. The pivot shaft allows the movable mechanism to be *pivotally* connected to *the sides of the receptacle* in the apparatus. Huang et al. does not teach, suggest or show a cover that is detachably fixed to a portion of the casing wall forming *a bottom of the recess*, as defined in claims 1 and 12. Huang et al. also does not teach, suggest or show that “a direct supply of air can be achieved over a short path from one casing wall to an opposite casing wall whereon a component to be cooled is disposed,” as defined in new claim 13.


The remaining claims depend from claim 1 and are allowable for at least the same reasons as stated above for claim 1.

In view of the foregoing comments, it is respectfully submitted that the present application is now in proper condition for allowance. If the Examiner believes there are any further matters that need to be discussed in order to expedite the prosecution of the present application, the Examiner is invited to contact the undersigned.

If there are any fees necessitated by the foregoing communication, please charge such fees to our Deposit Account No. 50-0537, referencing our Docket No. BE9139PCT(US).

Date: July 24, 2009

Respectfully submitted,



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I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: July 24, 2009



Name: Laura K. Cahill

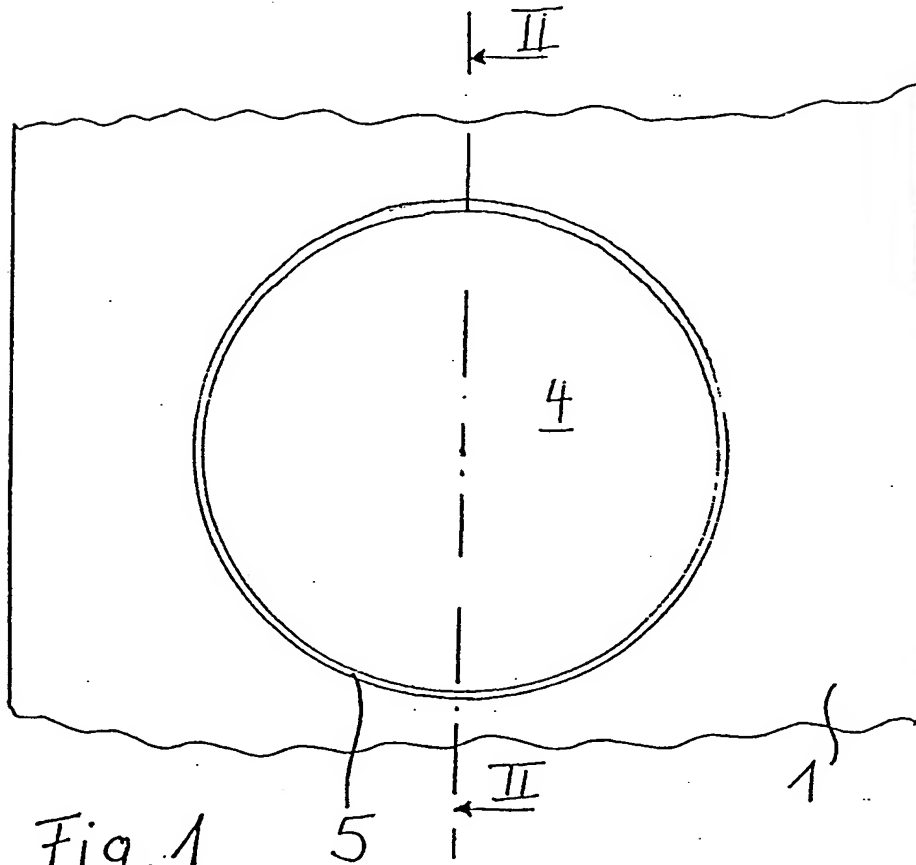


Fig. 1

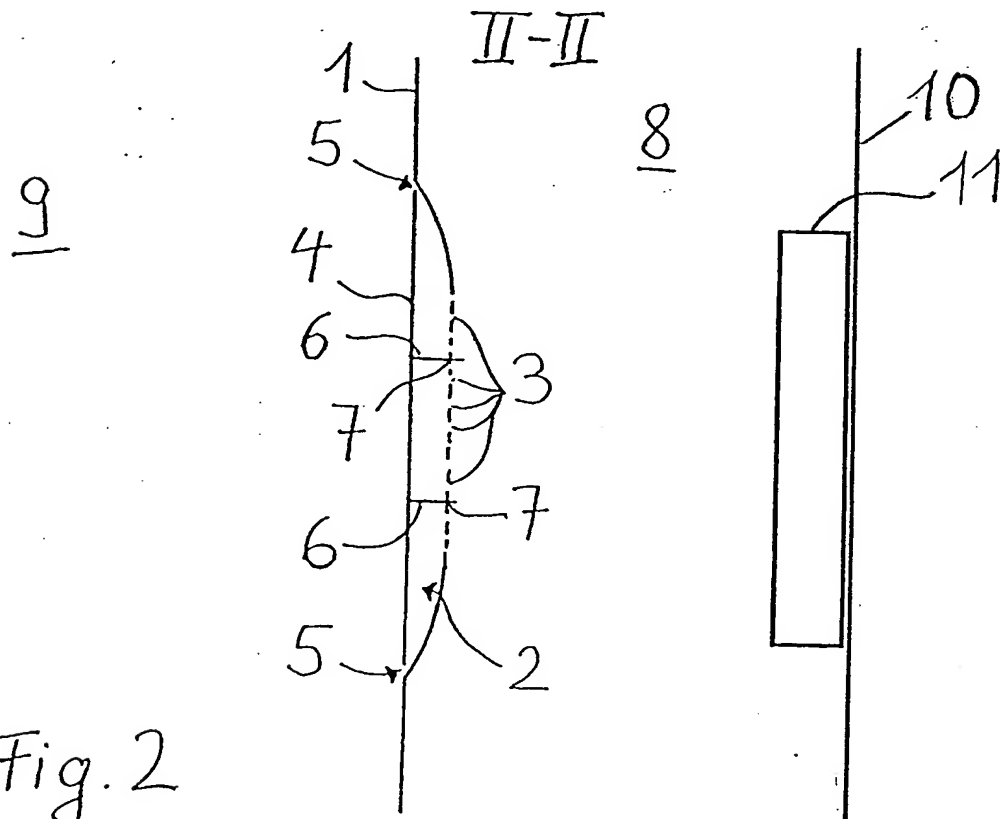


Fig. 2